

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

416 Rec'd PCT/PTO 03 MAR 2000

Art Unit :  
 Examiner :  
 Serial No. :  
 Filed : Herewith  
 PCT No. : PCT/EP98/05793  
 PCT Filed : September 11, 1998  
 Inventors : Klaus Pawelzik  
               : Klaus-Robert Müller  
               : Jens Kohlmorgen  
 Title : METHOD FOR DETECTING  
        : TIME-DEPENDENT MODES  
        : OF DYNAMIC SYSTEMS

36th Floor  
 1600 Market Street  
 Philadelphia, PA 19103

Docket: 1035-00

Dated: March 3, 2000

**BOX PCT**

Assistant Commissioner for Patents  
 Washington, DC 20231

Sir:

**37 CFR 1.10**  
**EXPRESS MAIL CERTIFICATION**

"Express Mail" mailing label number: EL525798125US

Date of Deposit: March 3, 2000

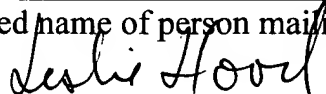
## DESCRIPTION OF CONTENTS:

Postcard, \$586.00 Check, Application Transmittal Letter, Form PTO-1390, in duplicate, copy of PCT Application as filed w/5 sheets drawings, English translation of PCT Application as filed w/5 sheets drawings, Preliminary Amendment, copy of Request (3 pages), copy of first page of WO 99/14686, copy of PCT/ISA/220, copy of PCT/IPEA/401 and copy of PCT/IPEA/416.

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box PCT, Assistant Commissioner for Patents, Washington, DC 20231.

Leslie Hood

(Typed or printed name of person mailing paper or fee)



(Signature of person mailing paper or fee)

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FORM PTO-1390  
(REV. 6-87)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTORNEY'S DOCKET NUMBER  
1035-00TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)

09/508042

INTERNATIONAL APPLICATION NO.  
PCT/EP98/05793INTERNATIONAL FILING DATE  
11 September 1998 (11.09.98)PRIORITY DATE CLAIMED  
15 September 1997 (15.09.97)

## TITLE OF INVENTION

METHOD FOR DETECTING TIME-DEPENDENT MODES OF DYNAMIC SYSTEMS

## APPLICANT(S) FOR DO/EO/US

Klaus Pawelzik, Klaus-Robert Müller and Jens Kohlmorgen

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items under 35 U.S.C. 371:

1. ■ This express request to immediately begin national examination procedures (35 U.S.C. 371(f)).
2. ■ The U.S. National Fee (35 U.S.C. 371(c)(1)) and other fees as follows:

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
TOTAL CLAIMS	24	-20=	4	x \$18.00	\$ 72.00
INDEPENDENT CLAIMS	2	-3=	0	x \$78.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$260.00	260.00
BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(4)):					
<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482).....\$750.00					
<input type="checkbox"/> No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).....\$760.00					
<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$970.00					
<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2) to (4).....\$ 96.00					
<input checked="" type="checkbox"/> International Search Report enclosed .....\$840.00					
Surcharge of \$ _____ for furnishing the National fee or oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 mos. from the earliest claimed priority date (37 CFR 1.482(e)). \$130.00					
TOTAL OF ABOVE CALCULATION					\$ 586.00
Reduction by 1/4 for filing by small entity, if applicable. Affidavits must be filed also. (Note 37 CFR 1.9, 1.27, 1.28.)					
SUBTOTAL					586.00
Processing fee of \$ _____ for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 mos. from the earliest claimed priority date (37 CFR 1.482(f)). \$130.00					
TOTAL NATIONAL FEE					\$ 586.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). \$40.00					+
TOTAL FEES ENCLOSED					\$ 586.00

FEE VALUE ACCOUNTABILITY	
DATE	AMOUNT
13	3405
970	840
971	420
968	560
969	130
966	72
967	36

- a. ■ A check in the amount of \$586.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 13-3405 in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ■ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-3405. A duplicate copy of this sheet is enclosed.

3. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
- a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
  - c. ☐ has been transmitted by the International Bureau.
4. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
5. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
- a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
6. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
7. ☐ An oath or declaration of the inventor (35 U.S.C. 371(c)(4)).
8. ☐ A translation of the Annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Other document(s) or information included:

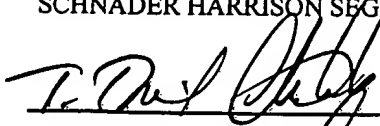
9. ☐ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
10. ☐ An Assignment document for recording and a Recordation Form Cover Sheet - Patents Only. Please mail the recorded assignment document to the person whose signature, name and address appears at the bottom of this page.
11. The above checked items are being transmitted
- a. ☐ before the 18th month publication.
  - b. ☐ after publication and the Article 20 communication but before 20 months from the priority date.
  - c. ☐ after 20 months but before 22 months (surcharge and/or processing fee included).
  - d. ☐ after 22 months (surcharge and/or processing fee included).
- Note: Petition to revive (37 C.F.R. 1.137(a) or (b)) is necessary if 35 U.S.C. 371 requirements submitted after 22 months and no proper demand for International Preliminary Examination was made by 19 months from the earliest claimed priority date.
- e. ☒ by 30 months and a proper demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
  - f. ☐ after 30 months but before 32 months and a proper demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date (surcharge and/or processing fee included).
  - g. ☐ after 32 months (surcharge and/or processing fee included).
- Note: Petition to revive (37 C.F.R. 1.137(a) or (b)) is necessary if 35 U.S.C. 371 requirements submitted after 32 months and a proper demand for International Preliminary Examination was made by 19 months from the earliest claimed priority date.
12. At the time of transmittal, the time limit for amending claims under Article 19
- a. ☐ has expired and no amendments were made.
  - b. ☐ has not yet expired.

13. ☐ Certain requirements under 35 U.S.C. 371 were previously submitted by the applicant on \_\_\_\_\_, namely:

SCHNADER HARRISON SEGAL & LEWIS

Date: 3 MAR 2000

By:



T. Daniel Christenbury, Reg. No. 31,750  
36th Floor, 1600 Market Street  
Philadelphia, PA 19103

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Examiner	:	1600 Market Street
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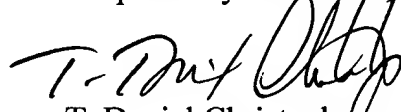
**APPLICATION TRANSMITTAL LETTER**

**Box PCT**  
Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

We submit herewith for filing in the U.S. Patent and Trademark Office a copy of the above-identified PCT Application as filed with five (5) sheets of drawings, an English translation of the above-identified PCT Application as filed with five (5) sheets of drawings, a Preliminary Amendment, a copy of the Request (3 pages), a copy of the first page of WO 99/14686, a copy of PCT/ISA/220, a copy of PCT/IPEA/401, a copy of PCT/IPEA/416, Form PTO-1390, in duplicate, and our check in the amount of \$586.00, comprising the official filing fee.

Respectfully submitted,



T. Daniel Christenbury  
Reg. No. 31,750  
Attorney for Applicant(s)

TDC:lh  
(215) 563-1810

New U.S. Appln. based on PCT/EP98/05793 for Klaus Pawelzik et al. entitled  
METHOD FOR DETECTING TIME-DEPENDENT MODES OF DYNAMIC SYSTEMS  
Express Mail Label: EL525798125US  
Dated: March 3, 2000      Docket: 1035-00

**Box PCT**      **09/508042**  
Assistant Commissioner for Patents  
Washington, DC 20231

Sir: Kindly date stamp this card and return it to the undersigned to evidence receipt of the enclosed \$596.00 Check, Express Mail Certificate, Application Transmittal Letter, Form PTO-1390, in duplicate, copy of the PCT Application as filed w/5 sheets of drawings, English translation of PCT Application as filed w/5 sheets of drawings, Preliminary Amendment, copy of Request (3 pages), copy of first page of WO 99/14686, copy of PCT/ISA/220, copy of PCT/IPEA/401 and copy of PCT/IPEA/416. Thank you.

T. Daniel Christenbury  
:lh

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